

SPECIFICATION FOR THE Reversible Duty Jacket

General design

Waist length jacket with zipper front, permanent color lime yellow lining with ANSI Class III construction with 2" 3M SCOTCHLITE reflective trim. One-piece design sleeve, adjustable cuffs, two pleated chest pockets, two slash pockets, zippered side vents with snap tab closures. Permanent epaulets. Removable thermal liner. Reference product is Gerber's identification number 71H1/L JACKET. Color in Navy and Lime Yellow.

I. FABRIC/MATERIALS

Outer shell: Type: 100% nylon 2228tu in the warp and in the filling, plain weave, treated with TEFLON durable water and stain release agents. Color: Navy.
Thread Count: Warp 160, Filling 68 (+/-10%).
Weight Uncoated: 4.4 ounces/sq.yard (+/-7%).
Good color fastness and crocking.
Weather proofing system: Continuous polyurethane waterproof breathable barrier on the backside of the fabric.

Lining Fabric: Polyester poplin cloth, color Lime Yellow.
Weight: 5.00 ounces per square yard, +/- 7%.
Thread Count: Warp 54 pics, Filling 54 pics.
Color fastness and Crocking: Minimum grade 4.0.
Luminance: Minimum Beta Factor 0.76.
Luminance of Beta Factor: Greater than 0.76.

Removable Insulated Liner: Black.
Face Type: 86 pic taffeta, per lining fabric specification.
Insulation: Thermoguard quilting "G" grade. One layer of G200
Plus one layer of G150 in the body parts.
Backing Type: 100% nylon tricot, black.
Thread Count: Wales 32, Courses 28.
Stitch Pattern: 6" Diamond stitch.

Interlining: White Pellon.

Knitting: 100% stretch knit, continuous filament yarn 400 denier, with a minimum of 16 wales and 32 courses, rating to light, perspiration and wet/dry cleaning to be a minimum of 4. Wristlet to be 8x3 flare.

Fasteners: All fasteners shall be as follows or equivalent:

Zippers: The front zipper shall be reversible, one slider, size #8.
The side zipper shall be a coil, reversible, one slider, #6 size.
The liner zipper shall be delrin, one slider, size #5.
The sleeve zipper shall be a coil zipper, one slider, size #2.

Snaps: The snaps shall 24 ligne universal prong snaps that have been oxidized to prevent rusting,

Reflective tape: Silver, 2" wide 3M SCOTCHLITE, heat set.

Velcro: Black, 1" hook and loop.

Elastic: Natural color, 1", 1-1/2" and 2" wide.

Binding: Black, 1-3/4" bias cut nylon.

Seam Tape: Composite seam sealing tape that is compatible to the composite fabric, 7/8" wide.

Metal Button Rings: Silver.

Metal Buttons: Metal "P" buttons on epaulets and pocket flaps..

Thread: All thread shall be polyester thread with a wrap with 36 strength in a 50 size or better.

Emblems:

Imprint: .

II. DESIGN FEATURES

FRONT DESIGN: There shall be two pleated patch pockets that measure approximately 5" wide by 6" long. The pockets are to close with scalloped pocket flaps that measure 5-3/8" wide by 3" long at the center and 2-1/4" at the ends. The flaps are to close with snaps set at each corner of the flap. There shall be two welted slash pockets. There shall be a 6" side opening and will be bartacked at the stress points. The pocket lining is to be of the self-material. The pocket flaps shall be interlined. The front zipper shall be a #8 size reversible zipper and shall run from the bottom of the jacket to the top collar, the zipper slider shall be on the right hand side.

BACK DESIGN: The back shall be a plain full cut back with a separately cut elasticized waistband that extends to the zippered side vents. The waistband shall measure 2-1/2" wide and shall be shirred with 2" wide elastic. The front waistbands shall be plain and that is interlined. The front waistbands shall extend to the zippered side vents. There shall be a drop panel with reflective lettering. Reflective to read: "**PARKING MANAGEMENT**"

COLLAR: The collar shall be a stand up design and shall measure 4" at the points and 4-1/4" at the center. The collar shall be interlined.

SLEEVES: The sleeves shall be a one-piece sleeve design. There shall be a one-piece cuff design made out of self-material that shall measure 2" wide. There shall be cuff tabs that close with a velcro hook set at the tapered end that shall attach to the velcro loop set on the cuff for adjustments. There shall be a sleeve zipper #2 size and 8" long. The zipper shall be approx. 3" from armhole.

SIDE VENTS: The zippered side vents are to be finished with a coil, #6 size 10" long zipper with a reversible slider. There shall be side tabs made out of the self-material set to the bottom back vent, which will be elasticized with a 1" elastic. The side tab shall have a snap (male portion) and shall snap across the bottom vent of the waistband with a snap (female portion) set on the front and back of the zippered side vent. The side tab shall measure 1" by 3" long.

EPAULETS: There shall be epaulets set on the shoulders and sewn into the shoulder and sleeve seam. The epaulets shall be cross-stitched and shall have a buttonhole. The epaulets are to measure 2-3/8" at the shoulders and 2" at the points. The epaulets are to fasten with a 24 ligne metal button with a button ring through the buttonhole. The epaulets shall be interlined. The epaulets shall be bartacked to the shoulder seam. The epaulet shall have a mic tab sew on top side of the epaulet.

LINING SHELL: The jacket is to be reversible with lime yellow material. There shall be an ANSI Class III construction set with a 2" wide 3M SCOTCHLITE reflective tape that shall be sewn all around the chest and back, around the waist and back, and on the upper and lower sleeves. The sleeve stripes shall correspond to the body stripes of the jacket. No over the shoulder stripes. There shall a sleeve tab with a snap that shall attach to the quilt liner cuffs.

SEAM SEALING: All external seams and sewing are to be seam sealed with a 7/8" wide seam sealing tape that is set with a hot air seam sealing machine. Seams are to be randomly tested with a sutor tester 3 psi for 3 minutes. A log shall be maintained to record the testing results.

FACINGS: There shall be front facings made out of the outer self-material with zippers for the attachment of the removable liner. There shall be a back facing made out of the outer self-material to reinforce a snap that shall attach to the liner.

REMOVABLE LINER: The removable thermal liner shall be a zip-out style full body and sleeve liner. The sleeve cuffs are to be held in place with one snap. There are to be black stretch nylon wristlets at the cuffs. The body of the liner is to be held in place with zippers. The liner is to be bound with black nylon binding. There shall be a knit collar set to the liner. There shall be a patch pocket set on left side. The pocket shall measure 6-1/2" wide by 6-1/2" long. There shall be a snap at the neck seam for attachment of the jacket.

HANGTAGS: Five year warranty hangtag, and 3M Scotchlite Hangtag.

SILENCE OF SPECIFICATION: The apparent silence of the specification as to any details or the omission from it of a detail description concerning any point shall be interpreted as meaning that only the best commercial practices are to prevail and that only materials and workmanship of first quality are to be used.

III. MEASUREMENTS

SIZING: The manufacturer shall be capable of providing all sizes for men and women, including any special size requirements. The manufacturer shall have a company representative or authorized dealer available to assist with the fittings of the garments at no additional cost.

The following sizes have been established as a guideline for this order.

SIZE CHART

SIZE	FINISHED CHEST	BACK LENGTH	SLEEVE LENGTH
SMALL (36-38)	48	25	20-1/2
MEDIUM (40-42)	52	25-1/2	20-1/2
LARGE (44-46)	56	26	20-1/2
X-LARGE (48-50)	60	26-1/2	20-1/2
XX-LARGE (52-54)	64	27	20-1/2
XXX-LARGE (56-58)	68	27-1/2	20-1/2
XXXX-LARGE (60-62)	72	28	20-1/2
XXXXX-LARGE (64-66)	76	28	20-1/2
TOLERANCES	+ - 1"	+ - 1/2"	+ - 1/2"
LONG LENGTH SIZES	+ - 1"	+ 1"	+ 1"
X-LONG LENGTH SIZES	+ - 1"	+ 2"	+ 2"